

Title (en)
Engine control apparatus

Title (de)
Motorsteuerungsvorrichtung

Title (fr)
Appareil de contrôle de moteur

Publication
EP 2423491 B1 20130911 (EN)

Application
EP 11170963 A 20110622

Priority
JP 2010187437 A 20100824

Abstract (en)
[origin: EP2423491A1] The engine control apparatus includes a governor control mechanism for keeping the engine frequency constant, decides the "presence" or "absence" of the engine load by the throttle aperture and forcibly changes the engine frequency to a predetermined frequency depending on the presence or absence of the load, the engine control apparatus includes an engine controlling unit (10) for controlling fuel supply to an engine (1), an engine temperature detecting unit (4) for detecting an engine temperature of the engine (1), and a threshold changing unit (10a) for changing each throttle aperture as a threshold for deciding the "presence" or "absence" of an engine load depending on the engine temperature detected by the engine temperature detecting unit (4).

IPC 8 full level
F02B 63/04 (2006.01); **F02D 29/06** (2006.01); **F02D 31/00** (2006.01); **F02D 41/02** (2006.01); **H02P 9/04** (2006.01)

CPC (source: EP US)
F02B 63/04 (2013.01 - US); **F02D 29/06** (2013.01 - EP US); **F02D 31/003** (2013.01 - EP US); **F02D 41/021** (2013.01 - US);
H02P 9/04 (2013.01 - EP US); **F02D 11/105** (2013.01 - EP US); **F02D 2200/021** (2013.01 - EP US); **F02D 2200/0404** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2423491 A1 20120229; **EP 2423491 B1 20130911**; JP 2012047064 A 20120308; JP 5495442 B2 20140521; US 2012053809 A1 20120301;
US 8903634 B2 20141202

DOCDB simple family (application)
EP 11170963 A 20110622; JP 2010187437 A 20100824; US 201113114575 A 20110524